



# STIC Search Report

## EIC 3700

STIC Database Tracking Number: 158006

**TO: Richale Haney**  
**Location: RND 7b69**  
**Art Unit: 3765**

**Case Serial Number: 10/664501**

**From: Jeanne Horrigan**  
**Location: RND 8A34**  
**Phone: 571-272-3529**

**jeanne.horrigan@uspto.gov**

### Search Notes

Attached are the search results for the gardening glove. (You requested the results on disk but I regret that at this time we do not have the capability to do this.)

I searched for any type of glove (with fingers) that has foam/sponge/cushioning in the fingertips and a slit in the cushioning. I did not see any with the slit in the foam, but that might be because so many references are just abstracts and such a detail might be in the full text. However, I recommend that you review ALL of the results.

Also attached is a search feedback form. Completion of the form is voluntary. Your completing this form would help us improve our search services.

I hope the attached information is useful. Please feel free to contact me if you have any questions or need additional searching on this application.

*Jeanne Horrigan*

File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Jul 01  
(c) 2005 The Gale Group  
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File 248:PIRA 1975-2005/Jun W2  
(c) 2005 Pira International

Set	Items	Description
S1	9136	GLOVE OR GLOVES
S2	5806	FINGER? ?(1N) (END OR ENDS OR TIP OR TIPS OR NAIL OR NAILS) OR FINGERTIP? ? OR FINGERNAIL? ?
S3	53345	FINGER? ?
S4	69556	FOAM OR SPONGE
S5	13611	CUSHION??? OR COMPRESSIBLE() MATERIAL
S6	68675	SLIT OR SLITS OR SLOT OR SLOTS
S7	120176	CLEFT? ? OR FISSURE? ? OR SCISSURE? ? OR NOTCH OR NOTCHES
S8	273391	OPENING? ? OR APERTURE? ?
S9	2	S1 AND S2 AND S4:S5
S10	2	RD (unique items)
S11	1	S9 AND S6:S8
S12	1	S10 NOT S11 [not relevant]
S13	8	S1 AND S3 AND S4:S5
S14	6	S13 NOT S9
S15	0	S14 AND S6:S8
S16	5	RD S14 (unique items) [not relevant]

11/3,K/1 (Item 1 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management

(c) 2005 FIZ TECHNIK. All rts. reserv.

01609379 20020106797

... and we shall have snow

(Handschuhe fuer den Winter. Neue Entwicklungen bei Wintersporthandschuhen.  
Snowboardhandschuhe)

Turtle, K

World Sports Activewear, v7, n4, pp49-51, 2001

Document type: journal article Language: English

Record type: Abstract

ISSN: 1356-644X

ABSTRACT:

The focus is on **gloves** for winter. Materials now in use for wintersports  
**gloves** are as technically state-of-the-art as any of the hardware

products, and their...

...a slow process but it is one which will, in the end, pay dividends. Many **glove** manufacturers in Europe look back on a long tradition in textiles and **glove** making, and from its early beginnings in Bohemia to the present day facilities in Bavaria...

...such company. By keeping its fingers on the pulse of sports development and creating new **gloves** as new sports and sports textiles appeared, Taubert is up-front on **glove** technology. Its Boarder Cross Key **glove** is not only equipped with the electronic ski pass system s-key which can be...  
...on the pistes, but now, with the integrated chip, can be loaded via the Internet **opening** turnstiles for up to four persons at a time. While over 500 ski regions world...

...Internet bookings on [www.s-key.com](http://www.s-key.com). For the first time Taubert has developed snowboard **gloves** designed specifically for women which incorporate a special protection system. Until recently such protection restricted...

...an additional shock absorbing system which forms itself somewhat to the shape of the hand. **Finger tips** and palms are Kevlar protected, a snowcuff is attached to the wider wrist band which can be pulled tight and fixed to keep out all snow and wet. The snowboard **gloves** from Level spa have been technically updated with silicone printed palms. Roeckl's new winter bike **glove** eases pressure on the wrist thanks to a **cushioning** silicon gel.

DESCRIPTORS: **GLOVE** ; SPORTSWEAR; WINTER SPORT; WEAR COMFORT; SILICONES;  
MANUFACTURER

File 9:Business & Industry(R) Jul/1994-2005/Jun 30  
 (c) 2005 The Gale Group

File 16:Gale Group PROMT(R) 1990-2005/Jul 01  
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File 160:Gale Group PROMT(R) 1972-1989  
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File 148:Gale Group Trade & Industry DB 1976-2005/Jul 01  
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File 141:Readers Guide 1983-2005/Dec  
 (c) 2005 The HW Wilson Co

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 (c) 2005 The Gale Group

File 484:Periodical Abs Plustext 1986-2005/Jun W4  
 (c) 2005 ProQuest

File 481:DELPHEES Eur Bus 95-2005/Jun W4  
 (c) 2005 ACFCI & Chambre CommInd Paris

File 646:Consumer Reports 1982-2005/Jun  
 (c) 2005 Consumer Union

Set	Items	Description
S1	111110	GLOVE OR GLOVES
S2	84810	FINGER? ?(1N) (END OR ENDS OR TIP OR TIPS OR NAIL OR NAILS) OR FINGERTIP? ? OR FINGERNAIL? ?
S3	261704	FINGER? ?
S4	159258	FOAM OR SPONGE
S5	106986	CUSHION??? OR COMPRESSIBLE() MATERIAL
S6	407141	SLIT OR SLITS OR SLOT OR SLOTS
S7	148068	CLEFT? ? OR FISSURE? ? OR SCISSURE? ? OR NOTCH OR NOTCHES
S8	1642557	OPENING? ? OR APERTURE? ?
S9	785	S1(S) S2
S10	17	S4:S5(S) S9
S11	0	S6:S8 (S) S10
S12	14	RD S10 (unique items)
<b>S13</b>	<b>14</b>	<b>Sort S12/ALL/PD,A</b>
S14	249153	S3 NOT S2
S15	49	S1(S) S14(S) S4:S5
<b>S16</b>	<b>1</b>	<b>S6:S8(S) S15 [not relevant]</b>
S17	249152	S14 NOT S16
S18	1285	PC=(23812 OR 3151 OR 3842353 OR 2381)
S19	48	S15 NOT S16
S20	4	S19 AND S18
<b>S21</b>	<b>3</b>	<b>RD (unique items)</b>
S22	19	S1/TI,AB,DE AND S19
S23	15	S22 NOT S20

Serial 10/664501

July 1, 2005

S24 14 RD (unique items)  
S25 14 Sort S24/ALL/PD,A  
S26 29 S19 NOT S20:S22  
S27 22 RD (unique items)  
S28 22 Sort S27/ALL/PD,A

13/3,K/8 (Item 8 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

09412930 Supplier Number: 82516884 (USE FORMAT 7 FOR FULLTEXT)

**MARKETS: Permeable Polymers Aid 21st Century Warrior.**

Membrane &amp; Separation Technology News, v20, pNA

Jan, 2002

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1140

... warm in amphibious operations.

The adsorbent carbon contained in conventional protective suits acts like a **sponge** that soaks up chem/bio agents. Because SPM technology does not work by adsorption, the...

...interval in case of contamination is extended. The one-piece protective suit has integrated booties, **gloves** that ensure sensitivity in the **fingertips** and gastight closures, zippers and interfaces at mask- to-hood and sleeve-to- **glove** . Texplorer is working with Natick to convert the cellulose-based selectively permeable fabric laminate to...

13/3,K/14 (Item 14 from file: 9)

DIALOG(R)File 9:Business &amp; Industry(R)

(c) 2005 The Gale Group. All rts. reserv.

03280100 Supplier Number: 114605116 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**FREUDENBERG UNVEILS A WIDE VARIETY OF STICK GOODS AT MARKET.**

HFN, p 124

March 22, 2004

DOCUMENT TYPE: Journal ISSN: 1082-0310 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 503

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...furniture. The mop retails for \$19.99.

Tanita also has a new line of cleaning **gloves** , including Fresh Comfort **gloves** that reduce sweat with a soft **foam** lining. Sensitive Plus **gloves** are unlined for extra control and have double-coated **fingertips** for, extra protection. They come in three different colors. Soft & Care Disposable **gloves** are disposable **gloves** that are enhanced with chamomile. The **gloves** retail from \$1.59 to \$2.09 per pair, and \$2.19 for a box...

13/7/11 (Item 11 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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10909476 Supplier Number: 111400281 (THIS IS THE FULLTEXT)

**VILEDA'S HANDS-ON APPROACH TO CLEANING. (Brief Article)**

Bernard, Sharyn

HFN The Weekly Newspaper for the Home Furnishing Network, p50

Dec 15, 2003

TEXT:

Vileda, a division of Freudenberg Household Products, is expanding its cleaning products assortment with two new items that will be available in March 2004.

Vileda is introducing its first line of gloves, which includes three different types. The company notes that its research shows that most Americans don't wear gloves while washing dishes, even though they know they should. Ninety percent of respondents said they didn't like wearing gloves because they were too bulky, made their hands sweat and didn't give them sensitivity for cleaning delicate items.

Vileda's Fresh Comfort **gloves** are **foam**-lined with four times the absorbency of cotton-lined **gloves**. The **foam** eliminates sweat, permits prolonged use in hot water and makes the **gloves** easy to remove. They retail for \$2.09 per pair. Sensitive Plus **gloves** are designed for use in cleaning delicate items, such as china or crystal. The **gloves** are unlined and extra thin, but feature double-coated **fingertips** for strength. They retail for \$1.59 a pair. The company also is introducing Soft & Care Disposables, disposable **gloves** that moisturize with chamomile. They retail for \$2.19 for a box of 10 **gloves**.

There also is a new mop, the UltraMax, a cleaning system designed for deep cleaning floors without the need for hands-and-knees scrubbing. The UltraMax is a flat-mopping system with a PowerZone, an area in the center of the mop frame that provides 150 percent more cleaning pressure than a standard mop. The mop's 360-degree rotating head makes it easier to reach tight spaces, such as underneath appliances.

The UltraMax system features a removable cleaning pad that is machine-washable and comes with a patented bucket with a press wringer to keep hands dry while removing excess water. The system will retail for \$19.99.

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21/3,K/3 (Item 1 from file: 570)  
DIALOG(R)File 570:Gale Group MARS(R)  
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01098447 Supplier Number: 41231436

**REUSCH USA**

SportStyle, v0, n0, p27

March 19, 1990

ISSN: 0162-2242

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

Reusch USA has made all-leather **gloves** a way of life for racers, freestylers, and recreational skiers. The cowhide shell on this US Freestyle Ski Team **glove** is 3M Scotchgard treated with **foam** pads on the **fingers** and a zipper along the top. Lined with polyester, it's available in multi-color...

...lavender, yellow and fuchsia with silver metallic accents. The neon red and aqua Ski Pro **gloves** from SARANAC appeal to both professional and recreational skiers for warmth and durability. The Dry...

...fabric on the top with strips of black neoprene padding. Kevlar on the palm and **fingers** battles wear from cold, snow and ski pole use. Lined with Thermolite, the **glove** has an extra long gauntlet and Velcro wrist

closure that prohibits snow from entering showboarders' sleeves. US Ski Team-endorsed INVICTA will be distributing **gloves** in the U.S. from Italy for the first time this season through Uvex. The US Ski Team logo **glove** is equipped with a 630 denier nylon shell and lined with Thermolite that is tested...

...degrees. A leather palm and a zippered wrist enclosure provide warmth and comfort. GATES' Competition **Glove** battles racing gates with white protective pads of Volextra, and a Taslan shell combats the cold. Gates' Triad system of layering insulates the **gloves**, and a long gauntlet provides an extra shield against snow and cold. Aqua Bloc, GORDINI...

...blue nylon shell to provide comfort and warmth for recreational skiing. Turquoise leather palms and **fingers** help grip poles and buckle boots. Gathered at the wrist and closed with a Velcro strip to block the wind, the **gloves** are also equipped with Thermolite lining. ...

PRODUCT NAMES: \*3151000 (Leather Gloves & Mittens)

25/3,K/2 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03920238 SUPPLIER NUMBER: 07576027 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A glove in hand ... shooting gloves can make all the difference.

(buyers guide)

Elliott, Brook; Elliott, Barbara  
Shooting Industry, v34, n4, p36(4)  
April, 1989

DOCUMENT TYPE: buyers guide ISSN: 0037-4148 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1590 LINE COUNT: 00120

... in pairs, each of which is slightly different than the other.

Both feature cut-off **fingers**. But that's where the resemblance ends. The shooting-hand **glove** has 1/8-inch pads of the proprietary P.A.S.T. **foam** in the palm and over the sensitive thumb web, providing protection against nerve damage and padding recoil shock. The off-hand **glove** has slightly longer **fingers** to protect the knuckles, and **foam** over the back of the hand and knuckles. This, along with a non-slip palm...

DESCRIPTORS: **Gloves** --

25/3,K/3 (Item 3 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

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02319626

Sentinel Introduces Trauma-Sorb (TM)

News Release August, 1989 p. 1

...of Packaging Industries Group, Inc., announces Trauma-Sorb, a unique new elastomeric modified crosslinked polyethylene **foam** used as a tool wrap, or **glove** insert to protect the hand against the low frequency vibrations emitted from power tools, or...

...that Trauma-Sorb significantly reduces the symptoms associated with both Carpel Tunnel Syndrome and White **Finger** (Renaud's Phenomenon)...

25/3,K/7 (Item 7 from file: 141)

DIALOG(R)File 141:Readers Guide

(c) 2005 The HW Wilson Co. All rts. reserv.

04014035 H.W. WILSON RECORD NUMBER: BRGA99014035

**Held Profi 2277 gloves .**

AUGMENTED TITLE: for motorcyclists

Cycle World v. 37 no12 (Dec. 1998) p. 92

ABSTRACT: A review of Held's Profi 2277 motorcycle **gloves** (\$160). In these top-of-the-line **gloves** , kangaroo hide is combined with Suprotect **foam** and kevlar to form an apparently impregnable barrier around the **pre-curved fingers** , tops of the hands, palms, and wrists. The **gloves** are very tough, yet soft and supple, although the styling is archaic and the cost...

25/3,K/13 (Item 13 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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03346322 Supplier Number: 117180039 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Hand protection 101: on the production line, time equals money. Selecting the proper protective glove can reduce the amount of time lost on the line from hand-related injuries.**

(Glove Report)

National Provisioner, v 218, n 4, p 72

April 2004

DOCUMENT TYPE: Journal ISSN: 0027-996X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1576

TEXT:

...medically approved powder-free style.

While protection from cuts and punctures are important features of **gloves** , hand protection in sub-zero environments is also vital. Dahlonga, GA-based Refrigi-Wear has expanded its line of **gloves** designed to offer protection and comfort in these sub-zero environments. The 28WP Water-proof **Glove** is an insulated, waterproof **glove** that provides maximum protection when handling cold, wet objects. Comfort rated at 0(degrees)F, the ergonomic fit **features foam and fleece insulation and full-sock construction around the fingers** . For workers who are looking for added warmth from their existing **gloves** , RefrigiWear also has a new edition to their **glove** liner family of products. The Stretch Liner 302 is 85 percent acrylic and 15 percent...

25/3,K/14 (Item 14 from file: 141)

DIALOG(R)File 141:Readers Guide

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05374895 H.W. WILSON RECORD NUMBER: BRGA04124895

**Helimot Buffalo 365 Gloves .**

Cycle World v. 43 no6 (June 2004) p. 116

ABSTRACT: Helimot Buffalo 365 **gloves** (\$170) are comfortable and adaptable. The pattern of the pieces prevents seams from chafing **fingers** and palms, and there is **foam** between the layers of deerskin and another layer over the knuckles. Helimot is a familiar...

DESCRIPTORS:

Motorcycle **gloves** --

25/7/9 (Item 9 from file: 9)

DIALOG(R)File 9:Business & Industry(R)



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02776114. Supplier Number: 25228375 (THIS IS THE FULLTEXT)

**Salute to American welders. (Welding Warehouse)**  
Welding Design & Fabrication, v 75, n 5, p 23(1)  
May 2002

WORD COUNT: 119

TEXT:

We Weld America FR cotton jacket and cowhide split welding **gloves** salute America's welders. The model #9030 jacket is constructed of green, 100 percent cotton Westex Proban FR-7A flame retardant cotton fabric with a vibrant six-color We Weld America silk screen design on back. Cool, comfortable, and washable jacket offers economical protection from sparks, light molten splash, and sudden flame exposure. The jacket is 30 in. long and comes in sizes medium to 3X large. The #1075 welding **gloves** are made from durable red, blue, and pearl select shoulder split cowhide. These feature a cotton- **foam** lining to keep hands cool, double reinforced thumb for extra strength, and welted **fingers** and Kevlar thread to protect seams. John Tillman Co. Circle 350  
www.jtillman.com

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25/7/11 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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15191028 SUPPLIER NUMBER: 94237599 (THIS IS THE FULL TEXT)

**Working gloves . (Products).**

Aftermarket Business, 112, 9, 62

Sept, 2002

TEXT:

Heininger Holdings offers DriveGear **gloves** to protect hands and provide an increased grip on tools and automotive parts. With the palm made of Clarino synthetic leather, the **gloves** are breathable and durable. They feature a smooth **finger** wall lining and interior **foam** padding that allows increased dexterity and protection. (360) 756-2411

Reader Service 214

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25/7/12 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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16586790 SUPPLIER NUMBER: 111696156 (THIS IS THE FULL TEXT)

**Work gloves .(New products: the best new products for your customers) (Brief Article)**

Industrial Distribution, 92, 12, 65(1)

Dec, 2003

TEXT:

Work **gloves** have padded palm with memory **foam** that enhances vibration absorption and minimizes hand fatigue; feature silicone **finger** pads; two-way Spandex backing for breathability and a reinforced wrist cuff with hook and loop closure for fit.

Milwaukee Electric Tool Corp. \*\* Enter 225

(ILLUSTRATION OMITTED)

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Serial 10/664501

July 1, 2005

**28/3,K/1 (Item 1 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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02440096 SUPPLIER NUMBER: 03030119 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Dressing the extremities. (ski clothes)**

Willard, Bruce

Skiing, v36, p54(3)

Dec, 1983

CODEN: SKIIA ISSN: 0037-6264 LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

WORD COUNT: 2181 LINE COUNT: 00166

... pre-formed in the shape of the hand and factory-sealed, are built into the **gloves** or mittens between the shell material and the insulation. The result is a **glove** or mitten that is essentially waterproof. They're comfortable and practical in wet weather; in...

...and forams are too bulky in thicknesses great enough to provide sufficient warmth. The better **gloves** available combine materials to some extent to maximize comfort and warmth. Polyester insulation with **foam** strips may be used across the back of the **glove** or mitten where warmth and protection are most important; low-bulk Thinsulate may be used in the palm and **fingers**. Linings are equally important. In a number of **gloves** and mittens, spun polyester, polypropylene, or lightweight wool-blend knits are substituted for basic nylon...

**28/3,K/4 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade &amp; Industry DB

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02983026 SUPPLIER NUMBER: 04596154 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Protecting the foundry worker.**

Huskonen, Wallace D.

Foundry Management &amp; Technology, v114, p30(6)

Nov, 1986

ISSN: 0360-8999 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 4039 LINE COUNT: 00331

... elbow cuff, which extends to the elbow for full forearm protection.

For the cleaning room, **gloves** now are available to reduce the effects of tool vibration transfer to the hands. One manufacturer offers a glove with a pigskin shell, **plus urethane foam padding sewn in the palm, fingers**, and thumb to absorb some of the vibration that otherwise would be transferred from power...

**28/3,K/5 (Item 5 from file: 148)**

DIALOG(R)File 148:Gale Group Trade &amp; Industry DB

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05791543 SUPPLIER NUMBER: 11863324 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**X-C gear. (cross-country) ('92 Retailer's Buying Guide) (Buyers Guide)**

Dostal, John

STN, Skiing Trade News, v16, n4, p76(5)

Feb, 1992

DOCUMENT TYPE: Buyers Guide ISSN: 1040-1229 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 5035 LINE COUNT: 00405

... soft goods side, Black Diamond is fielding a reworked knee pad with

ASRC Searcher: Jeanne Horrigan  
Serial 10/664501  
July 1, 2005

10

a harder density **foam** outside for protection and a softer density **foam** next to the knee for comfort. In Black Diamond's shell **gloves** , **Kevlar protection now extends up and over the fingers** and a new coating makes them more water-resistant.

BLIZZARD

Blizzard North America

(603 298...

28/7/9 (Item 9 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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02562603 Supplier Number: 45172461 (THIS IS THE FULLTEXT)

**Penn Fibre**

Composites & Adhesives Newsletter, v11, n1, pN/A

Dec, 1994

TEXT:

Penn Fibre (845 East Huntington Park Ave., Philadelphia, PA 19124; phone: 800/ 662-7366) has developed flexible materials using glass-reinforced **thermoplastic, combined with foam , as shaped spines along the top of the fingers and in the wristband of a new golf training glove** -resulting in more accurate drives!

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THIS IS THE FULL TEXT: COPYRIGHT 1994 T/C Press Subscription: \$150 per year as of 1/97. Published quarterly. Contact T/C Press, P.O. Box 36006, Los Angeles, CA 90036-0006. Phone (213) 938-6923.

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(c) 2002 Phoenix Newspapers  
File 494:St LouisPost-Dispatch 1988-2005/Jun 30  
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File 498:Detroit Free Press 1987-2005/Jun 30  
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File 631:Boston Globe 1980-2005/Jul 01  
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File 633:Phil.Inquirer 1983-2005/Jun 27  
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File 704:(Portland)The Oregonian 1989-2005/Jun 30  
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File 713:Atlanta J/Const. 1989-2005/Jun 30  
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File 714:(Baltimore) The Sun 1990-2005/Jul 01  
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File 715:Christian Sci.Mon. 1989-2005/Jun 30  
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File 735:St. Petersburg Times 1989- 2005/Jun 30  
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(c) 2005 Irish Times  
File 710:Times/Sun.Times(London) Jun 1988-2005/Jun 30  
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File 756:Daily/Sunday Telegraph 2000-2005/Jul 01  
(c) 2005 Telegraph Group  
File 757:Mirror Publications/Independent Newspapers 2000-2005/Jul 01  
(c) 2005

Set	Items	Description
S1	193170	GLOVE OR GLOVES
S2	49081	FINGER? ?(1N) (END OR ENDS OR TIP OR TIPS OR NAIL OR NAILS) OR FINGERTIP? ? OR FINGERNAIL? ?
S3	379834	FINGER? ?
S4	67048	FOAM OR SPONGE
S5	93212	CUSHION??? OR COMPRESSIBLE() MATERIAL
S6	215206	SLIT OR SLITS OR SLOT OR SLOTS

S7 91406 CLEFT? ? OR FISSURE? ? OR SCISSURE? ? OR NOTCH OR NOTCHES  
 S8 1418444 OPENING? ? OR APERTURE? ?  
 S9 10 S1(S)S2(S)S4:S5  
 S10 2 S9(S)S6:S8 [not relevant]  
 S11 8 S9 NOT S10  
 S12 8 RD (unique items)  
 S13 8 Sort S12/ALL/PD,A  
 S14 57 S1(S)S3(S)S4:S5 NOT S9  
 S15 3 S6:S8(S)S14  
 S16 3 RD (unique items) [not relevant]  
 S17 54 S14 NOT S15  
 S18 51 RD (unique items)  
 S19 32511 S1/TI,LP,AB,DE  
 S20 14 S18 AND S19  
 S21 14 Sort S20/ALL/PD,A  
 S22 598 S4:S5(5N)S3  
 S23 12 (S18 AND S22) NOT S20  
 S24 12 RD (unique items)  
 S25 12 Sort S24/ALL/PD,A [not relevant]  
 S26 25 S18 NOT (S20 OR S23)  
 S27 25 Sort S26/ALL/PD,A

13/3,K/7 (Item 7 from file: 757)

DIALOG(R)File 757:Mirror Publications/Independent Newspapers

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00857969 649909046 (USE FORMAT 7 FOR FULLTEXT)

**Sportsactive: Actively tested: Goalkeeping gloves**

Independent on Sunday, p28

Sunday, March 10, 2002

JOURNAL CODE: MSI LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSPAPER

WORD COUNT: 477

...extra protection and security come from strong PVC overlay on back of hand.

Very supportive **glove** . Strong rubber exoskeleton masking the back of the fingers, combined with layers of **foam** and rubber, gives extra strength to the hand, not only providing protection from injury but making **fingertip** saves a little surer. The **gloves** are close-fitting, secured around the wrist with an easily adjustable Velcro fastening and equipped with vents along the fingers and behind the hand. Large latex- **foam** palms reduce the impact of powerful shots and offer safe hands in the rain. The **gloves** , even with vents, need to be a little more breathable, though, as the extra layers mean your hand could overheat. Overall, a high-performance **glove** .

Rating: HHHH

Nike Kraken

pounds 49.99

For stockists: 0800 056 1640...

21/3,K/8 (Item 8 from file: 710)

DIALOG(R)File 710:Times/Sun.Times(London)

(c) 2005 Times Newspapers. All rts. reserv.

14127360

**SAFE HANDS NEEDED TO AVOID THE CRUSH;CRICKET**

Times of London (TL) - Saturday, May 6, 2000

By: John Goodbody

Serial 10/664501

July 1, 2005

Section: Sport

Word Count: 643

TEXT:

**Gloves** are becoming the weakness in a cricketer's armour

Michael Vaughan will be unable to...

...Indies fast bowlers.

However, these had the disadvantage of not allowing players to move their **fingers** so easily. Graham Gooch was then a proponent of **gloves** that were a compromise with a double socket for the first two **fingers** of the bottom hand, but allowing the other **fingers** to move in individually-cushioned sockets.

A breakthrough in the design of **gloves** came during the late 1980s through Ralph...

21/3,K/14 (Item 14 from file: 757)

DIALOG(R)File 757:Mirror Publications/Independent Newspapers

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0002729605 (USE FORMAT 7 FOR FULLTEXT)

**Comeback of golaie who lost 3 fingers Glove is the answer for Clive**  
**author.type byline author By Lynn Davidson**

DAILY RECORD (GLASGOW, SCOTLAND), FIRST ed, p23

Thursday, May 5, 2005

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSPAPER SECTION HEADING: News

WORD COUNT: 293

TEXT:

...who lost three fingers in a horror accident is playing again, thanks to a special **glove**.

Heavy machinery crushed the fingers on Clive Guppy's right hand in January. But he's already back between the sticks using his new **glove**, which has three plastic spines covered in **foam** where the **fingers** should be.

Made by Puma, the gloves are designed to stop a keeper's fingers...

...a wee bit tender but apart from that it feels great.

'The spines in the **glove** are there to help and you can just stuff the **fingers** with **foam** to give extra support.

'Even when I was in hospital, I was looking to the...

21/7/13 (Item 13 from file: 711)

DIALOG(R)File 711:Independent(London)

(c) 2005 Newspaper Publ. PLC. All rts. reserv.

12333031

**INTERIORS NOTES: SOFT LANDING**

Independent (IN) - Saturday, November 29, 2003

By: Compiled by Caroline Wingfield

Edition: 3 Section: Features Page: 65

Word Count: 138

TEXT:

It's not every day that you find something at a graduate design show that you could imagine living with, but Carmel McElroy's witty "Hands On" rug is one. Inspired by the idea of multiples she, and a fellow designer Donna Marie Wilson, started out knitting the little **finger** shapes until it struck them there was an easier method. They got in touch with **glove** manufacturer Johnstons of Elgin who provided them with 700 pairs of **glove fingers** which they then stuffed with **foam**. The result (above) has been

hugely popular - not least with kids, who leap on to play with the texture (or take a quick nap). It's on show along with the work of nine other RCA graduates at the Step 2 exhibition at Aram store, 110 Drury Lane, London WC2 (020-7557 7557) until 18 December.

27/3,K/8 (Item 8 from file: 471)  
DIALOG(R)File 471:New York Times Fulltext  
(c) 2005 The New York Times. All rts. reserv.  
02057336 NYT Sequence Number: 230089900721 (USE FORMAT 7 FOR FULLTEXT)  
**SPORTS OF THE TIMES; The Hands That Caught Ryan's Heat**  
IRA BERKOW  
New York Times, Late Edition - Final ED, COL 1, P 41  
Saturday July 21 1990  
DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext  
SECTION HEADING: SECT1  
Word Count: 800  
... that. I caught him with padding, of course, and with my forefinger out of the **glove** , for extra **cushion** . So my hand was pretty well protected. But, yes, sure, the **finger** portion of my hand still took a bit of a beating."...

27/3,K/11 (Item 11 from file: 711)  
DIALOG(R)File 711:Independent(London)  
(c) 2005 Newspaper Publ. PLC. All rts. reserv.  
06812025  
**Saturday Night: Battered by the giant cotton bud**  
Independent (IN) - Saturday, November 7, 1992  
By: IMOGEN EDWARDS-JONES  
Edition: 3 Section: Weekend Style Page Page: 37  
Word Count: 529  
... venue is designed to look like a stadium, the huge pieces of apparatus covered in **foam** rubber matting, lest anyone should hurt themselves. The audience, equipped with Glad hands (large spongy **gloves** with a pointy **finger** ) rocks backwards and forwards, singing along to a selection of Queen's greatest hits, while...

27/3,K/15 (Item 15 from file: 714)  
DIALOG(R)File 714:(Baltimore) The Sun  
(c) 2005 Baltimore Sun. All rts. reserv.  
08647200  
**BLANKET PROTECTION**  
BALTIMORE MORNING SUN (BS) - Sunday May 26, 1996  
By: Laura Barnhardt  
Edition: Final Section: Sunday Sun Magazine Page: 2  
Word Count: 427  
...softball is your game; you'll want to check out Palmgard International's protective batting **gloves** . The Randallstown-based company claims its line of **gloves** provides exceptional protection to the hand. That's because, it says, the **cushions** in the **gloves** are made of a nonspringy material that is slow to return to its original contour, therefore reducing the rebound effect and helping to retain the ball in the **glove** . Palmgard's latest product, the STS Protective Batting **Glove** , is designed to "soften the sting" of both wood and metal bats and to prevent jamming to the index

ASRC Searcher: Jeanne Horrigan

Serial 10/664501

July 1, 2005

15

**finger** and thumb. The **gloves** retail from \$12.95 to \$15.95. For the retailer nearest you, call (410) 922...



Serial 10/664501

July 1, 2005

File 350:Derwent WPIX 1963-2005/UD,UM &amp;UP=200541

(c) 2005 Thomson Derwent

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)

(c) 2005 JPO &amp; JAPIO

Set	Items	Description
S1	16294	GLOVE OR GLOVES
S2	8770	FINGER? ?(1N) (END OR ENDS OR TIP OR TIPS OR NAIL OR NAILS) OR FINGERTIP? ? OR FINGERNAIL? ?
S3	103838	FINGER? ?
S4	204183	FOAM OR SPONGE
S5	83744	CUSHION??? OR COMPRESSIBLE() MATERIAL
S6	497320	SLIT OR SLITS OR SLOT OR SLOTS
S7	106715	CLEFT? ? OR FISSURE? ? OR SCISSURE? ? OR NOTCH OR NOTCHES
S8	1454929	OPENING? ? OR APERTURE? ?
S9	5074	IC=A41D-019?
S10	37	S1 AND S2 AND S4:S5
S11	7	S10 AND S6:S8
S12	6	S11 AND S9
S13	1	S11 NOT S12
S14	23	S10 AND S9
S15	17	S14 NOT S11
S16	13	S10 NOT (S11 OR S14)
S17	179	(S1 AND S3 AND S4:S5) NOT S10
S18	31	S6:S8 AND S17
S19	13	S9 AND S18
S20	6	S1 AND S3(5N) S4:S5(S) S6:S8
S21	4	S20 NOT S19
S22	25	S1/TI AND S18
S23	10	S22 NOT (S10 OR S19:S20)
S24	68	S17 AND S9
S25	64	S24 AND S1/TI
S26	12	S3(5N) S4:S5 AND S25
S27	10	S26 NOT (S10 OR S19 OR S20 OR S22)
S28	41	S25 NOT (S26 OR S10 OR S19 OR S20 OR S22)

12/26,TI/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014494165

WPI Acc No: 2002-314868/200235

Catch glove for hockey goal tenders, comprises shock-absorbing pads above and below the center rotation axis of metacarpalphalangeal joint of index finger

12/26,TI/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012191680

WPI Acc No: 1998-608593/199851

Protective work glove - made of elastic insulating non-absorbent sheet foam material with open finger tips

12/26,TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003361532

WPI Acc No: 1982-L9557E/198236

**Webbed glove for swimmer - has sheath for each finger with webs between them and holes in tops for discharging water**

12/34/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014667704 \*\*Image available\*\*

WPI Acc No: 2002-488408/200252

**Finger protector for musician, has apertures extended through cushions which cover glove end portions made of elastomeric material**

Patent Assignee: WOODARD R M (WOOD-I)

Inventor: WOODARD R M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6393616	B1	20020528	US 2001910258	A	20010720	200252 B

Priority Applications (No Type Date): US 2001910258 A 20010720

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6393616	B1	6	A41D-019/00	

Abstract (Basic): US 6393616 B1

NOVELTY - End portions (26) comprising elastomeric material of a **glove**, have several **apertures** (28) which are extended through respective **cushions** (30). Each **cushion** cover the internal surface of the end portions.

USE - For protecting finger of musician who play stringed instrument.

ADVANTAGE - Provides inexpensive finger protector that requires low labor for manufacture and prevents injury to **finger tips** of the person playing stringed instrument. The **apertures** allow air to enter through the end portions to keep the **fingertips** cool and allow escape of perspiration.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic cross-sectional view of the finger with protector.

End portions (26)

**Apertures** (28)

**Cushions** (30)

pp; 6 DwgNo 4/4

Derwent Class: A83; P21

International Patent Class (Main): **A41D-019/00**

12/34/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

007124144

WPI Acc No: 1987-124141/198718

**Finger tip protector for work gloves - consists of cap detachably fitted over fingertip and cushion secured on both surfaces of cap**

Patent Assignee: DAIDO TOKUSHUKO KK (DAIZ )

Inventor: ABE M; IRIYAMA S

Number of Countries: 012 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 220452	A	19870506	EP 86112665	A	19860912	198718 B
US 4694508	A	19870922	US 86905745	A	19860909	198740
EP 220452	B	19900131				199005
DE 3668536	G	19900308				199011

Priority Applications (No Type Date): JP 85230442 A 19851016

Cited Patents: DE 956484; EP 196637; US 3029440; US 3386104

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 220452	A	E	12		
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

US 4694508	A		11		
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EP 220452	B	E			
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

Abstract (Basic): EP 220452 A

The **fingertip** protector consists of a cap (10) detachably fitted on a **finger tip** of a user covering the **finger tip**. Pref. the cap has an **opening** (14) formed in a portion which faces the **finger cushion** of the user's finger, when the cap is in use.

A **cushion** (18) of a desired thickness is secured to both the inner and outer surfaces (10a,10b) of the cap. Pref. the **cushion** consists of a sheet of **foamed plastics** material.

USE/ADVANTAGE - For use with work **gloves**, preventing worker's **fingertips** from accidents.

2a/13

Abstract (Equivalent): EP 220452 B

**Fingertip** protector for use with a work **glove** (26), comprising a cap (10) adapted to be detachably fitted on a **fingertip** (12) of a user for covering and protecting the **fingertip** (12) and a **cushion** member (18,19) secured to a surface (10a,10b) of the cap (10), characterised in that the **cushion** member (18,19) comprises a sheet of foamed plastic material being folded and bonded to the inner surface (10a) and the outer surface (10b) of the cap (10).

(12pp)

Abstract (Equivalent): US 4694508 A

A cap is adapted to be detachably fitted on a **fingertip** of a user for covering and protecting the **fingertip**. The cap has an **opening** which faces the **finger cushion** of the user's finger when the cap is in use and a **cushion** member to be secured to both the inner and the outer surfaces of the cap.

The **cushion** member is made from a sheet of foamed plastics material having a predetermined width, the sheet having a series of parallel spaced transverse tapered **notches** for being cut at and folded about the tapered **notches** to form the **cushion** member. The **cushion** member extends from the outer surface of the cap to the inner surface so that a tapered end of the **cushion** is disposed on the inner surface of the cap.

USE - **Fingertip** protector for use with a work **glove**. (11pp)h

Derwent Class: P21

International Patent Class (Additional): A41D-013/10; **A41D-019/00**

13/26, TI/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
002327901

WPI Acc No: 1980-D4337C/198016

**Protective glove used in karate - is made of plastics foam , has slit forearm sleeve and balloon shaped palm and has curved-over finger part**

**15/26, TI/1 (Item 1 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

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015702444

WPI Acc No: 2003-764637/200372

**Work glove comprises pads comprising palm pad and digit pads for releasably attaching to respective palm pad fastener and digit fastener sections by hook and loop fasteners**

**15/26, TI/2 (Item 2 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015180512

WPI Acc No: 2003-241043/200324

**Protective glove , for the police, has fingers with structured linings, and an armored layer incorporated in the knuckle and other zones**

**15/26, TI/3 (Item 3 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014320567

WPI Acc No: 2002-141269/200219

**Device for protecting fingertips against cold consists of heat insulating material, takes the form of a cap of stable shape covering one or more fingertips and/or parts of the first finger element**

**15/26, TI/4 (Item 4 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

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014010682

WPI Acc No: 2001-494896/200154

**Vinyl glove with attached sponge sections has coarse nylon cloth on back of glove on parts of the fingers**

**15/26, TI/5 (Item 5 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012985274

WPI Acc No: 2000-157127/200014

**Gloves for person with false nails**

**15/26, TI/6 (Item 6 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012835308

WPI Acc No: 2000-007140/200001

**Foam film used in antiskid glove - consists of crushed fibers adhered to front side or both sides of glove**

**15/26, TI/7 (Item 7 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

010196259

WPI Acc No: 1995-097513/199513

Guitar glove for improved comfort - has cushion strips on finger ends for improved string manipulation

15/26, TI/8 (Item 8 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

007209188

WPI Acc No: 1987-206197/198729

Scrubber glove, combining rubber gloves and scourer - is formed by dipping glove in latex rubber, leaching, inverting in aq. halogen, leaching again and leaving to dry

15/26, TI/9 (Item 9 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

004044053

WPI Acc No: 1984-189595/198431

Ventilated skin covering esp. rubber gloves - has air supply extending through fingers to prevent damp and skin disorders

15/26, TI/10 (Item 10 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003740673

WPI Acc No: 1983-736872/198333

Glove with sponge facing having finger end caps - has facing comprising cellular elements which can be impregnated with detergent or soap

15/26, TI/11 (Item 11 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

001963336

WPI Acc No: 1978-K2611A/197847

Goalkeeper's padded gloves - has widened and lengthened foamed plastics finger tips and cup shaped padded palm

15/26, TI/12 (Item 12 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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001428601

WPI Acc No: 1975-78339W/197547

Protective glove for police - with flexible metal-contg. wire mesh and cushioning layers between outer shell and lining

15/34/1 (Item 1 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015702444 \*\*Image available\*\*

WPI Acc No: 2003-764637/200372

Work glove comprises pads comprising palm pad and digit pads for releasably attaching to respective palm pad fastener and digit fastener sections by hook and loop fasteners

Patent Assignee: LEACH C B (LEAC-I)

Inventor: LEACH C B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6604244	B1	20030812	US 2002158947	A	20020531	200372 B

Priority Applications (No Type Date): US 2002158947 A 20020531

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6604244	B1	7	A41D-019/00	

US 6604244 B1 7 A41D-019/00

Abstract (Basic): US 6604244 B1

NOVELTY - A work **glove** comprises pads for releasably attaching to hook and loop fastener sections, a palm pad and digit pads for selectively coupling to the palm fastener section, and digit fastener sections respectively.

DETAILED DESCRIPTION - A work **glove** comprises **glove** member(s) (12) for positioning on a hand. The **glove** member comprises a fitted covering for the hand having a sheath for each finger and the thumb and includes a wrist portion (13), a palm portion (14) and digit portions (15). The **glove** member has a front surface (16) and a back surface (17). Hook and loop fastener sections (18) are fixedly coupled to the front surface of the **glove** member. They include a palm fastener section (19) and digit fastener sections (20). Pads (21) releasably attaching to the hook and loop fastener sections comprise a palm pad (22) and digit pads (23) for selectively coupling to the palm fastener section and the digit fastener sections respectively. A fastening apparatus (24) secures the **glove** member to the hand of the user. The palm fastener section includes a cutout portion for increasing the flexibility of the palm fastener section. The cutout portion is triangular. It has a pair of opposing concave inside edges for conforming to the hand of the user when flexed.

USE - As a work **glove**.

ADVANTAGE - The work **glove** is more universal with regard to the applications it can be utilized for. It allows the user to work tight areas. It eliminates the problem of dropping steel wool pads, sandpaper, sponges, and other cleaning aids.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of a work **glove** of the invention.

**Glove** member (12)  
Wrist portion (13)  
Palm portion (14)  
Digit portions (15)  
Front surface (16)  
Back surface (17)  
Hook and loop fastener sections (18)  
Palm fastener section (19)  
Digit fastener sections (20)  
Pads (21)  
Palm pad (22)  
Digit pads (23)  
Fastening apparatus (24)  
Tip (27)  
Coupling straps (31)  
First end (32)  
Free end (33)  
Hook and loop fasteners (34)

pp; 7 DwgNo 1/3

Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred Materials: The **glove** member comprises a resiliently elastomeric material, preferably neoprene.

MECHANICAL ENGINEERING - Preferred Components: The palm fastener section is mounted on the front surface of the palm portion of the **glove** member. It extends across a width of the palm portion and between the digit portions and the wrist portion. Each digit fastener section is mounted on the front surface of a respective digit portion of the **glove** member. It extends from a tip (27) of the digit portions towards the palm portion a distance equal to a last part of a finger of the user such that a degree of bending motion of the finger is restricted only by the **glove** member. The digit fastener sections extend beyond the front surface to the back surface such that opposite sides and the tip of each digit portion include a hook and loop fastener. Each pad has a working side and an attaching side. The attaching side comprises a mating hook and loop fastener for permitting the user to releasably attach the pads to the **glove** member. Each fastener section is dimensioned coextensive with a respective pad such that each digit pad is positionable about a large portion of **fingertips** of the user to permit the user to access tighter areas while working. The working side of each pad is a **sponge**, steel wool or sandpaper. The fastening apparatus comprises a pair of coupling straps (31). Each strap has a first end (32) attached to the back surface of the wrist portion of the **glove** member and a free end (33) selectively couplable to the front surface of the wrist portion. Each of the straps and the front surface of the wrist portion has hook and loop fasteners (34) permitting the user to attach each of the straps to the wrist portion for the purpose of tightening the wrist portion about a wrist of the user when the **glove** member is positioned on the hand to restrict the **glove** member from releasing from the hand during use.

Derwent Class: A83; P21

International Patent Class (Main): **A41D-019/00**

15/34/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015180512 \*\*Image available\*\*

WPI Acc No: 2003-241043/200324

**Protective glove, for the police, has fingers with structured linings, and an armored layer incorporated in the knuckle and other zones**

Patent Assignee: SPIETH & WENSKY (SPIE-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20214472	U1	20021205	DE 2002U2014472	U	20020918	200324 B

Priority Applications (No Type Date): DE 2002U2014472 U 20020918

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 20214472	U1		10	A41D-019/015	
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Abstract (Basic): DE 20214472 U1

NOVELTY - Protective **glove** (10), has unlined five fingers (14) as far as the knuckles (18). The knuckle zone is 2.5 cm wide and defined by two 0.5 cm lines of lock stitch sewing. A **foam** lining is stitched

under the knuckle zone. The inner side of the **glove** is lined as far as the **finger tips**, with side layers as far as the finger roots and side panels for the finger shapes.

DETAILED DESCRIPTION - Protective **glove** (10), especially for the police, has unlined five fingers (14) as far as the knuckles (18). The knuckle zone is 2.5 cm wide and defined by two 0.5 cm lines of lock stitch sewing. A **foam** lining is stitched under the knuckle zone. The inner side of the **glove** is lined as far as the **finger tips**, with side layers as far as the finger roots and side panels for the finger shapes. There are no stitched seams or lining at the finger roots. The thumb is wholly of leather, and completely lined.

USE - The protective **glove** is for use by the police.

ADVANTAGE - The **glove** gives complete protection to the hand, while allowing a sensitive sense of touch.

DESCRIPTION OF DRAWING(S) - The drawing shows a view of the back of the **glove**.

**glove** (10);  
fingers (14); and  
knuckle zone (18).  
pp; 10 DwgNo 1/8

Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred Materials: The knuckle zone of the **glove**, and other **glove** zones, have a layer of Kevlar (RTM: aromatic polyamide).

Derwent Class: A83; F07; P21

International Patent Class (Main): **A41D-019/015**

15/34/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014320567 \*\*Image available\*\*

WPI Acc No: 2002-141269/200219

**Device for protecting fingertips against cold consists of heat insulating material, takes the form of a cap of stable shape covering one or more fingertips and/or parts of the first finger element**

Patent Assignee: SCHREIBER J (SCHR-I)

Inventor: SCHREIBER J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20114281	U1	20020131	DE U20114281	U	20010903	200219 B
DE 10240630	A1	20030320	DE 10240630	A	20020903	200321

Priority Applications (No Type Date): DE U20114281 U 20010903

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 20114281	U1		5	A41D-013/00	
DE 10240630	A1			A41D-027/04	

Abstract (Basic): DE 20114281 U1

NOVELTY - The device for protecting **fingertips** against cold consists of heat insulating material, takes the form of a cap of stable shape covering one or more **fingertips** and/or parts of the first finger element, and is insertable into **gloves**. An analogous device is claimed for protection of toetips against cold. Such a device is insertable into shoes.

USE - For protecting **fingertips** or toetips against cold.



ADVANTAGE - Protection of the most vulnerable parts of hands and feet against cold is achieved without the danger of excessive sweat generation associated with use of shoes or **gloves** provided with thermal padding, in particular, during winter sports activities.

DESCRIPTION OF DRAWING(S) - The drawing shows an example of the proposed device.

Top section (2)

Bottom section (2a)

Space fillable with padding material (3)

pp; 5 DwgNo 1/4

Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - The device consists of polystyrene **foam**, polypropylene **foam** or a similar insulating material.

Derwent Class: A83; P21; P22

International Patent Class (Main): A41D-013/00; A41D-027/04

International Patent Class (Additional): A41D-013/06; A41D-013/08;

A41D-019/015 ; A41D-031/00; A43B-007/34

15/34/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014010682 \*\*Image available\*\*

WPI Acc No: 2001-494896/200154

**Vinyl glove with attached sponge sections has coarse nylon cloth on back of glove on parts of the fingers**

Patent Assignee: OZAWA K (OZAW-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001187011	A	20010710	JP 99377046	A	19991227	200154 B

Priority Applications (No Type Date): JP 99377046 A 19991227

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001187011	A	3	A47L-013/18	

Abstract (Basic): JP 2001187011 A

NOVELTY - In a vinyl **glove**, a thin **sponge** is provided on part of the **fingers** of the palm and a thick **sponge** is provided to the center section of the **finger tip** and the palm and between the thumb and the index fingers. On the back surface of the **glove**, a nylon nonwoven cloth of a coarse raw material on parts of the fingers. On the back surface from the base of the finger, a thin **sponge** is provided on the whole body.

USE - Used to protection the hand when e.g. using a nylon scrubbing brush.

ADVANTAGE - Used to protect the hand from chapping due to water or a detergent. The vinyl **glove** and the **sponge** can be integrated easily.

DESCRIPTION OF DRAWING(S) - The Figure 1 shows the palm surface diagram.

Thin **Sponge** (1)

Thick **Sponge** (2)

Thick **Sponge** (3)

Thick **Sponge** (4)

pp; 3 DwgNo 1/3

Derwent Class: A83; P21; P28

International Patent Class (Main): A47L-013/18  
International Patent Class (Additional): **A41D-019/00**

**15/34/5 (Item 5 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012985274 \*\*Image available\*\*

WPI Acc No: 2000-157127/200014

**Gloves for person with false nails**

Patent Assignee: ALPHA MIKKU KK (ALPH-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000017508	A	20000118	JP 98201270	A	1998063	200014 B

Priority Applications (No Type Date): JP 98201270 A 19980630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 2000017508	A		6	A41D-019/00	
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Abstract (Basic): JP 2000017508 A

NOVELTY - An antiskid member (8) is provided on the inner surface of each finger (5) of the **glove** body. A cleaning member (6a) such as a **sponge** is provided on the palm surface (2) of the **glove** body.

USE - For person with false nails.

ADVANTAGE - Prevents fingers from slipping in **gloves**, thereby preventing **gloves** from deviating. Cleaning member need not be picked up by **fingertips**. Enables nails not to become obstructive during work. Prevents nails from being hurt since force does not act on nails.

DESCRIPTION OF DRAWING(S) - The figure is the cross-sectional view of a finger of the **glove** body.

Palm surface (2)

Finger (5)

Cleaning member (6a)

Antiskid member (8)

pp; 6 DwgNo 5/8

Derwent Class: P21

International Patent Class (Main): **A41D-019/00**

**15/34/7 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010196259 \*\*Image available\*\*

WPI Acc No: 1995-097513/199513

**Guitar glove for improved comfort - has cushion strips on finger ends for improved string manipulation**

Patent Assignee: SIGWARD R A (SIGW-I)

Inventor: SIGWARD R A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5390371	A	19950221	US 9362981	A	19930518	199513 B

Priority Applications (No Type Date): US 9362981 A 19930518

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5390371	A	E	5	A41D-019/00	
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Abstract (Basic): US 5390371 A

A guitar **glove** 1 comprises a tight fitting **glove** of stretch nylon etc. with no thumb section, raised elongated **cushioning** strips 6 formed adjacent the **tips of the index 3 and middle fingers** and parallel to the fingers, **cushioning** strips 6 at the **tips 5** and running the length of the remaining **fingers** and strips running the length of the radial side 10 of the **index finger 3**.

Assisting the playing of a guitar.

Gives comfort and improved string manipulation.

Dwg.1/5

Derwent Class: A23; A83; P21

International Patent Class (Main): **A41D-019/00**

15/34/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003740673

WPI Acc No: 1983-736872/198333

**Glove with sponge facing having finger end caps - has facing comprising cellular elements which can be impregnated with detergent or soap**

Patent Assignee: SMITH R B (SMIT-I)

Inventor: SMITH R B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2113977	A	19830817				198333 B

Priority Applications (No Type Date): GB 822375 A 19820128

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2113977	A	5		

Abstract (Basic): GB 2113977 A

The **glove** is made of resilient or fabric material (11) and is provided with additional **sponge** components such as a **sponge** facing (12) having **finger end caps** (13). This **sponge** material may additionally be abrasive at least over part of its surface area. Alternatively, the **glove** is in the form of a mitten with an enclosing **sponge** coating again provided optionally with abrasive areas. The **sponge** facing (12) comprises cellular elements which may be impregnated with detergent or soap or other cleaning material such that, upon immersion in water, the **glove** can be used for cleaning operations simply by the user working his or her hand over the surface to be cleaned.

1/8

Derwent Class: P21

International Patent Class (Additional): **A41D-019/00** ; A41D-031/00

15/34/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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001963336

WPI Acc No: 1978-K2611A/197847

**Goalkeeper's padded gloves - has widened and lengthened foamed plastics finger tips and cup shaped padded palm**

Patent Assignee: SPORTARTIKELF UHL K (UHLK-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2721538	A	19781116				197847 B
DE 2721538	C	19880331				198813

Priority Applications (No Type Date): DE 2721538 A 19770513

Abstract (Basic): DE 2721538 A

The **tops** of the **fingers** have padded pieces, in, made of a flexible material such as **foamed plastic**, so that the **tips of the fingers** are in the form of claws. The padded pieces are on the **finger - tips**, so that they act as extensions to the fingers, both in length and breadth.

At least the thumb and the little finger are widened, so that the hand-span is increased. The palm of the **glove** may be reinforced by the padding forming a cup in the hands for retaining the ball.

Derwent Class: P21; P36

International Patent Class (Additional): **A41D-019/00** ; A63B-071/14

15/7/15 (Item 3 from file: 347)

DIALOG(R) File 347:JAPIO

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05035301 \*\*Image available\*\*

CLEANING MEANS

PUB. NO.: 07-327901 [JP 7327901 A]

PUBLISHED: December 19, 1995 (19951219)

INVENTOR(s): IWASAKI SHOGO

APPLICANT(s): IWASAKI SHOGO [000000] (An Individual), JP (Japan)

APPL. NO.: 06-151555 [JP 94151555]

FILED: June 08, 1994 (19940608)

ABSTRACT

PURPOSE: To surely drop off stains while obtaining the sure contact of removing stains in response with the delicate movements of the hands by integrating the hands and the cleaning means.

CONSTITUTION: Washing members 5a, 5a... of a **sponge** system, brush system and scrubbing brush system are bonded respectively to the parts from the palm side to the back side of the hand in the parts exclusive of the side parts on the outermost side of the thumb parts of waterproof **gloves**, the parts exclusive of the side parts on the middle finger part side of the forefinger, the crossing parts of the thumb parts and the forefinger parts and the three finger parts exclusive of the thumb parts and the forefinger parts as well as the palm parts of the hand, by which the **fingertips** and palm for forcing, holding and rubbing are provided with washing function. The hands and the cleaning means are integrated to improve operability. In addition, the stains are surely removed while the touch of removing the stains is obtained

15/7/16 (Item 4 from file: 347)

DIALOG(R) File 347:JAPIO

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04960108

WORKING GLOVE

PUB. NO.: 07-252708 [JP 7252708 A]

PUBLISHED: October 03, 1995 (19951003)

INVENTOR(s): MURAKAMI TOSHIHARU

KATAGIRI NOBUMOTO

HIRATA YUJI  
MARUTA JUNICHIRO

APPLICANT(s): OKURA IND CO LTD [358671] (A Japanese Company or Corporation)  
, JP (Japan)

APPL. NO.: 06-040193 [JP 9440193]

FILED: March 11, 1994 (19940311)

ABSTRACT

PURPOSE: To obtain working **gloves** not sliding even in grasping a wet material, suitable not only for electronic devices and precision machines but also for fishing, having no dust, permeating no liquid, by sticking a non-rigid polyurethane **foam** only to the palm sides of **gloves** consisting of a thermoplastic polyurethane resin film.

CONSTITUTION: A non-rigid polyurethane **foam** having about 0.3-3.0mm thickness is stuck only to the palm sides of **gloves** consisting of a thermoplastic polyurethane resin film. The non-rigid polyurethane **foam** may be stuck the whole face of the palm sides of **gloves**. When a small material is handled, the non-rigid polyurethane **foam** is stuck preferably to the **fingertips** of the **gloves**, especially only to the tips of the thumbs and the forefingers.

15/7/17 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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02994506 \*\*Image available\*\*

PRODUCTION OF VIBRATION-INSULATING **GLOVES**

PUB. NO.: 01-292106 [JP 1292106 A]

PUBLISHED: November 24, 1989 (19891124)

INVENTOR(s): AKAGI SHIGEKI

APPLICANT(s): AKAGI SHIGEKI [000000] (An Individual), JP (Japan)

APPL. NO.: 63-117984 [JP 88117984]

FILED: May 14, 1988 (19880514)

ABSTRACT

PURPOSE: To obtain a vibration-insulating **gloves** usable over a long period, by laminating a piece of unfoamed raw rubber and a raw rubber sheet for surface to the main body of cloth **gloves**, bonding the sheets under pressure, putting the laminate on a steric mold, foaming with heat and bonding the foamed rubber piece to the cloth.

CONSTITUTION: A main body 2 of cloth **gloves** is placed on a flat mold 10 and a rubber paste layer 3b is formed on the main body with a rubber paste liquid. Unfoamed raw rubber pieces 4a are applied through the rubber paste layer 3b to the palm-side of the main body 2 excluding the joint parts in such a manner as to increase the foaming ratio from the **finger tip** to the palm. A raw rubber sheet 5a for surface is laminated to the main body 2 of the **gloves**, and the raw rubber sheet 5a and the unfoamed raw rubber pieces 4a are bonded under pressure using an upper mold 11 made of a **sponge** rubber. The objective vibration-insulating **gloves** is produced by putting the main body 2 of the cloth **gloves** on a steric mold and heating the body to effect the foaming and vulcanization of the unfoamed raw rubber pieces 4a and the vulcanization of the raw rubber sheet 5a for surface.

16/26,TI/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016732412

WPI Acc No: 2005-056688/200506

Dish washing glove has water absorbent sponge attached to palm region and abrasive material affixed at upper ends of finger sleeves

16/26, TI/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014235166

WPI Acc No: 2002-055864/200208

Glove for cleaning duties is rectangular and rubber, and is combined with absorbent material such as sponge and scouring surface

16/26, TI/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013538940

WPI Acc No: 2001-023146/200103

Screening device for medical diagnosis, has flexible horizontal and top bands that connect adjacent sides of support element for palmar and dorsal detectors with probe surface

16/26, TI/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011898754

WPI Acc No: 1998-315664/199828

Inner material for baseball glove with cushion - has lining cloth that is joined to cushion placed at fingertip parts of corresponding skins, when surrounding edges of lining cloth are sutured while facing cushion

16/26, TI/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011269953

WPI Acc No: 1997-247856/199723

Karate glove for maximum protection - has one-piece protector for back of hand, with pocket for fingertips, retaining strap and wrist fastening band

16/26, TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010937308

WPI Acc No: 1996-434258/199644

Manual sanding tool has abrasive glued onto one or both sides of a glove - which may be of fabric or paper allowing entire hand to be used in sanding

16/26, TI/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010305480

WPI Acc No: 1995-206740/199527

Cleansing glove incorporating sponge and fume extraction system - has impermeable glove, with attached sponge, for applying solvents, fumes

**being sucked away by attached pipes**

**16/26, TI/10 (Item 1 from file: 347)**

DIALOG(R) File 347: JAPIO

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06484631

**GLOVE WITH SPONGE FOR WASHING**

**16/26, TI/11 (Item 2 from file: 347)**

DIALOG(R) File 347: JAPIO

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05830316

**INNER LEATHER OF GLOVE WITH CUSHION FOR BASE BALL**

**16/34/8 (Item 8 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

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009049716

WPI Acc No: 1992-177089/199222

**Protective glove - has thumb and finger ends coated with rough  
fibre cushioning material NoAbstract**

Patent Assignee: CASTELLVI POVEDA F (POVE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
ES 2026757	A	19920501	ES 902489	A	19901001	199222 B

Priority Applications (No Type Date): ES 902489 A 19901001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
ES 2026757	A		A41D-013/10	

Derwent Class: P21; P28

International Patent Class (Main): A41D-013/10

International Patent Class (Additional): A47L-013/18

**16/34/9 (Item 9 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

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007658792

WPI Acc No: 1988-292724/198841

**Hand protection for boxing - with damping filling of open-celled  
polyurethane foam**

Patent Assignee: BRUCKNER G F (BRUC-I); BRUEKNER G F (BRUE-I)

Inventor: BRUEKNER G F; BRUCKNER G

Number of Countries: 018 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8807395	A	19881006	WO 87DE238	A	19870525	198841 B
DD 257771	A	19880629				198844
DE 3807307	A	19881110	DE 3807307	A	19880305	198846
EP 364434	A	19900425	EP 87903250	A	19870525	199017
JP 2500881	W	19900329	JP 87500088	A	19870525	199019
EP 364434	B	19911009				199141
DE 3773684	G	19911114				199147
US 5146624	A	19920915	WO 87DE238	A	19870525	199240

US 89423420 A 19890929  
RU 2071264 C1 19970110 SU 4742088 A 19870525 199734  
WO 87DE238 A 19870525

Priority Applications (No Type Date): DE 3710832 A 19870401

Cited Patents: DE 1009988; DE 3310612; EP 143997; US 1534654; US 1752977;  
US 2291184; US 4603439

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8807395 A G 23

Designated States (National): HU JP KR SU US

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

EP 364434 A

Designated States (Regional): BE CH DE FR GB IT LI NL

EP 364434 B

Designated States (Regional): BE CH DE FR GB IT LI NL

US 5146624 A 9 A41D-013/10 Based on patent WO 8807395

RU 2071264 C1 7 A41D-013/10

Abstract (Basic): WO 8807395 A

A hand protection for boxing of all styles consists of a flexible skin of leather or artificial leather and an inserted elastic padding of **foam**. This padding is a one-piece moulding of open-celled polyurethane **foam** of high damping capacity and **extends over the wrist, back of the hand and the fingers**. In the longitudinal direction it has a 90 deg. downward curvature near the rear finger knuckles, where it is reinforced. In the transverse direction it follows the natural hand curvature on the inside.

ADVANTAGE - This looks like a boxing **glove** but ensures an optimum reduction of the impact forces and minimises impact acceleration of the brain tissue. The filling is very durable.

0/8

Abstract (Equivalent): EP 364434 B

Hand guard for combative types of sport, comprising a flexible cover made of leather or imitation leather and an inserted, single-piece, elastic padding made of foamed material which covers the wrist, the back of the hand and the fingers, characterised in that the padding comprises a single-piece preform (1) made of a highly damping, open-cell polyurethane foamed material, which is curved along its entire length on the outside and on the inside in a transverse direction according to the natural curvature of the hand and is curved in the region of the back knuckles downwards through around 90 deg. and in said region has a reinforcement (5) in such a manner that the radius of curvature of the outer surface (6) is at most as great as the radius of curvature of the inner surface (7) and the outer surface (6) and inner surface (7) approach one another asymptotically towards the **finger tips** (3) on the one hand and towards the wrist (8) on the other hand. (11pp)

Abstract (Equivalent): US 5146624 A

A hand protector comprises a flexible cover of leather or leather substitute, an elastic **foam** material padding inside the cover made into a one-piece shaped body of highly **cushioning** open pore polyurethane **foam**; and a main section for covering a wrist, a section for covering the back of the hand and a section for covering the fingers. The main section is prearched crosswise corresp. to the natural arch of a hand and defines a downward arch longitudinally of 90 deg. in the rear knuckle region. This section forms a bulge in the region of the downward arch with the padding forming an outer surface



of the bulge equal to that of inner surface, these approaching asymptotically to the **fingertips** . USE - For pugilistic sports.

(Dwg.5/9

Derwent Class: A83; P21; P36

International Patent Class (Main): A41D-013/10

International Patent Class (Additional): A63B-071/14

16/7/12 (Item 3 from file: 347)

DIALOG(R) File 347:JAPIO

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05684743 \*\*Image available\*\*

**GLOVES FOR JAPANESE FENCING**

PUB. NO.: 09-299543 [JP 9299543 A]

PUBLISHED: November 25, 1997 (19971125)

INVENTOR(s): HASEGAWA TEIICHI

APPLICANT(s): T ONE KK [000000] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 08-146435 [JP 96146435]

FILED: May 17, 1996 (19960517)

ABSTRACT

PROBLEM TO BE SOLVED: To practically facilitate the motions of fingers in spite of bending difficulty of a thick **cushion** part and to improve the power for grasping a bamboo sword without limiting the actions of the little finger, the third finger and the middle finger especially by providing the **cushion** part over the entire crossing face or at one part of the crossing face at the lengthwise top end part of inner cover part of a hand consisting of a four-finger inserting part at least.

SOLUTION: Concerning **gloves** for Japanese fencing, a **cushion** part 34 is provided on the vertical crossing face at the top end part of a four-finger inserting part 42 formed between a back side **cushion** part 31 for the back of the hand and an inner cover 32 of the hand. Since the **finger** inserting part is three-dimensionally formed, the degree of freedom for moving **fingers** is high, further, since the **cushion part 34 is provided at the position corresponding to the tips of fingers** , the rate for the **cushion part 34** to follow up the motions of fingers is comparatively reduced and, since it is not necessary to bend the **cushion part 34** with big power, most of power of fingers can be used as power for grasping the bamboo sword. Besides, when the crossing area of the finger inserting part is widened, the degree of freedom for fingers is more improved and power for grasping the bamboo sword is more strengthened. Then, the **tips of fingers** are protected by the **cushion part 34** and there is an effect for improving appearance as well.

16/7/13 (Item 4 from file: 347)

DIALOG(R) File 347:JAPIO

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03290021 \*\*Image available\*\*

**SPONGE GLOVE**

PUB. NO.: 02-265521 [JP 2265521 A]

PUBLISHED: October 30, 1990 (19901030)

INVENTOR(s): KADOHATA SUMI

APPLICANT(s): KADOHATA SUMI [000000] (An Individual), JP (Japan)

APPL. NO.: 01-087112 [JP 8987112]

FILED: April 07, 1989 (19890407)

ABSTRACT

PURPOSE: To enable the concurrent washing of both sides of tableware quickly, and ensure the efficient and easy washing of the restricted portions of the tableware by making a **glove** of a water-proof element material, forming the **glove** in such a way as to cover the external surface of the **glove** from a wrist part to a **finger tip** part with a **sponge**, and wrapping the external surface of the **sponge** with a net.

CONSTITUTION: A water-proof element is used to form a **glove** 1 comprising five finger portions, and the external surface thereof is so formed as to be covered with a **sponge** from a wrist portion 4 to a **finger tip** portion 5. In addition, the external surface of the **sponge** 2 is wrapped with a net 5 formed to a **glove** shape. Also, water proofing 7 is applied to the inner surface of the **sponge** 2. When the **sponge glove** is used for washing tableware, the restricted portions thereof are washed with a **finger tip** portion 5. A wide area portion is washed with the whole of a palm part 6. Thus, both inner and outer surfaces of the tableware can be concurrently washed. Namely, the **sponge glove** can be optionally applied with a suitable force and quickly used. Also, the whole portion of the tableware can be washed easily and efficiently.

19/26,TI/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016695170

WPI Acc No: 2005-019449/200502

Baseball player`s hand protecting glove , has palm padding secured to palm covering to provide cushioning for palmer side of individual`s hand, and slip resistant material providing gripping of object by individual`s hand

19/26,TI/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014737166

WPI Acc No: 2002-557870/200259

Highly breathable cyclist hand glove , for long distance racing cyclist, has closely spaced closed cell foam cushioning pads surrounding perforated palm area

19/26,TI/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011682894

WPI Acc No: 1998-099803/199809

Protective sports glove having padded palm portion and back portion - carrying absorbent cushion pads removably attached by hook and loop fasteners

19/26,TI/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011021382

WPI Acc No: 1996-518332/199651

A vibration attenuating member e.g. of a glove for a user of a power tool - protects against vibration injury

19/26, TI/5 (Item 5 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009720164  
WPI Acc No: 1994-000014/199401  
Foam padded baseball glove - comprises front and back panel joined together by stitching around periphery, leaving wrist-band opening for receiving hand

19/26, TI/6 (Item 6 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009720163  
WPI Acc No: 1994-000013/199401  
Grip-enhancing glove - has cushion flap at least partially covering portion of palm face when second end is attached in one position

19/26, TI/7 (Item 7 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009511251  
WPI Acc No: 1993-204787/199325  
Batting glove of leather and foam -rubber padding - comprises elastic wrist-band, hook and loop fasteners, palmar and dorsal surfaces, finger and thumb portions, palm pad on palmar surface and finger pads defining slot for bat

19/26, TI/8 (Item 8 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009494349  
WPI Acc No: 1993-187884/199323  
Impact protection glove for e.g. workmen or sportsmen - includes flexible palm-covered padding composed of e.g. neoprene foam rubber and having diagonal fold line or split

19/26, TI/9 (Item 9 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009424960  
WPI Acc No: 1993-118476/199315.  
Protective glove with top flexible leather support - has riveted metal plates inside sleeve on top, with fabric padding, and foam coating.

19/26, TI/10 (Item 10 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
008635833  
WPI Acc No: 1991-139863/199119  
Support for glove - includes matrix of openings to permit air circulation with loop formed on lower most, end

19/26, TI/11 (Item 11 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

007408332

WPI Acc No: 1988-042267/198806

**Hunting glove with telescopic forefinger sheath - has elastic covering on mitten palm with U-shaped opening and lid for forefinger**

19/26, TI/12 (Item 12 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

007072220

WPI Acc No: 1987-072217/198710

**Glove -like disposal system for animal droppings - comprises inner foam material glove with deodorant-scent and disposable polyethylene outer glove with paper surface**

19/7/13 (Item 1 from file: 347)

DIALOG(R) File 347: JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

07644557 \*\*Image available\*\*

**WORKING GLOVES**

PUB. NO.: 2003-138411 [JP 2003138411 A]

PUBLISHED: May 14, 2003 (20030514)

INVENTOR(s): FUJIHANA TERUKAZU

APPLICANT(s): SHOWA CO

APPL. NO.: 2001-330063 [JP 2001330063]

FILED: October 29, 2001 (20011029)

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide working gloves improving working property and achieving a long life.

**SOLUTION:** The gloves installed with a resin coat on the surface of a raw glove material is provided by installing a finger -covering part 13 for 4 fingers in addition to a thumb-covering part 12 on the raw glove material 11. The thumb-covering part is constituted by a main body part 14 equipped with a part 12a covering the finger cushion of the thumb as one unit, and a part 12b attached to the main body part 14 by sewing and covering the thumb part other than the part covering the cushion part of the thumb, and the part 12a for covering the cushion part of the thumb is formed by turning up the part surrounded by a vertical notch having approximately U-shape in upward direction and formed on a fabric constituting the main body part. The thumb-covering part 12 is formed by sewing an approximately upper half of the part covering the thumb part to the part 12a turned up in upward direction and covering the cushion part of the thumb, and also sewing an approximately lower half of the part 12b for covering the thumb part to the surroundings of the opening part 16 having approximately U-shaped state and formed at the notch 15.

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21/26, TI/2 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

009651887

WPI Acc No: 1993-345437/199344

**Glove toy for catching ball - comprising bird body made of foam, coated with chintz fabric, and having polyvinyl finger slits**

21/26, TI/4 (Item 4 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
003344193  
WPI Acc No: 1982-K2212E/198231  
Protective glove for fencing - covers hand and forearm, with palm free  
and is made of foam between two layers of flexible leather

23/26, TI/1 (Item 1 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
015926989  
WPI Acc No: 2004-084830/200409  
Shape retaining belt for glove, has latching pieces formed at either  
ends, which is wound along periphery of small and thumb fingers of  
glove

23/26, TI/2 (Item 2 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
013342041  
WPI Acc No: 2000-513980/200046  
Protective sports glove for use in playing roller hockey has opening  
(s), which are sized and configured to allow direct air contact with the  
wearer's hand

23/26, TI/5 (Item 5 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
010121130  
WPI Acc No: 1995-022381/199503  
Elastic glove to prevent or treat carpal tunnel syndrome - has sleeve  
with finger openings and dorsal side biased backwards to hold hand in  
flexion

23/26, TI/6 (Item 6 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
008152038  
WPI Acc No: 1990-039039/199006  
Protective glove with reservoir for cleaning product - product released  
by pressure on reservoir and glove can have sponge or metallic  
granules on surface

23/26, TI/7 (Item 7 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
008004824  
WPI Acc No: 1989-269936/198937  
Glove for inhibiting carpal tunnel syndrome - has flexible pad secured  
to glove between thumb and palm heel portion

23/26, TI/9 (Item 9 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
004516842

WPI Acc No: 1986-020186/198603

**Shock absorbing work glove - has foam pad between liner and shell  
with reduced pad width at finger joints**

23/7/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011617234 \*\*Image available\*\*

WPI Acc No: 1998-034362/199804

**Glove for use with hockey player for back of hand protection -  
comprises spherical polyolefin foam body, with inside fitting inwardly  
bent fingers , semicircular exterior, and central arrangement**

Patent Assignee: TK HOCKEY EQUIP GMBH (TKHO-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29714727	U1	19971211	DE 97U2014727	U	19970820	199804 B

Priority Applications (No Type Date): DE 97U2014727 U 19970820

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 29714727	U1		9	A63B-071/14	

Abstract (Basic): DE 29714727 U

**Glove** , especially for hockey players, comprises:

(a) a spherical **foam** body (preferably of polyolefin) with an  
inside (2) fitting the inwardly bent **fingers** (3);

(b) a semicircular exterior (4) with opposite side **openings** (11)  
about an axis formed by the bent **fingers** (3); and

(c) a central arrangement, preferably of rubber bands drawn through  
holes in the apex (5) of the **foam** body, for gripping by the **fingers**.

USE - Used as a left-hand hockey **glove** .

ADVANTAGE - The **glove** provides improved protection for the hand  
without preventing heat escape or affecting the feel for the hockey  
stick.

Dwg.1/2

Derwent Class: A86; P36

International Patent Class (Main): A63B-071/14

23/7/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

010537475 \*\*Image available\*\*

WPI Acc No: 1996-034429/199604

**Cleaning tool - has cleaning part which is made of flexible sponge  
material that covers entire surface of glove from finger inserted  
part up to palm side**

Patent Assignee: LUO X (LUOX-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7284467	A	19951031	JP 94102009	A	19940414	199604 B

Priority Applications (No Type Date): JP 94102009 A 19940414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7284467	A		4	A47L-013/18	

JP 7284467 A 4 A47L-013/18

Abstract (Basic): JP 7284467 A

The tool has a cleaning part (1) made of flexible **sponge** material that covers the entire surface of the **glove** (2). The **glove** is inserted to the **opening** of the cleaning part.

USE/ADVANTAGE - For washing dishes and drinking glass. Promotes safety by protecting user from injury due to cracks formed during dropping of glass. Easily cleans every corner part of tablewares.

Dwg.1/2

Derwent Class: P28

International Patent Class (Main): A47L-013/18

23/7/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
007555986

WPI Acc No: 1988-189918/198827

**Training glove with resilient foam lining - over back and fingers and extending to separate finger spacers**

Patent Assignee: COWHEY J R (COWH-I)

Inventor: COWHEY J R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4751749	A	19880621	US 85741373	A	19850605	198827 B

Priority Applications (No Type Date): US 85741373 A 19850605

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4751749	A	8		

Abstract (Basic): US 4751749 A

A **glove** comprises a flexible outer casing with individual **finger** spaces, and a resilient **foam** lining in the casing over the back of the hand and **fingers**, while extending laterally beyond **finger** width to produce separation of the spaces when the **fingers** are extended.

The casing is pref. of leather and the **foam** is polyurethane. There is pref. a liner on the side of the **foam** opposite the casing, and the casing has **opening** communicating with the **glove** interior to permit air circulation. The casing may have a back panel and a flexible thinner front panel mounted to the back panel along their peripheries. There may be a wear layer on the outside of the palm covering a part of the palm which excludes the **fingers**.

USE/ADVANTAGE - For use in athletic activites, medical rehabilitation, musical instrument practice or leisure activities, maintains the hands in convenient comfortable position.

.0/4

Derwent Class: A83; P21

International Patent Class (Additional): A41D-013/10

23/7/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
000616654

WPI Acc No: 1968-61787P/196800

**Work- gloves have an insert-lining of a plastic foam**

Patent Assignee: NITEX-SCHAUMSTOFFFABRIK W ANGER (NITC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
NL 6503302	A					196800 B

Priority Applications (No Type Date): DE N16959 A 19641130

Abstract (Basic): NL 6503302 A

Work- **glove** for the protection of the hand during rough work, particularly against cold weather and against heat, is provided with an insert-lining consisting of a layer of **foam** material coated on one side. The **glove** may be of mitt-form, or may have three or more **fingers**. The insert-lining may be attached to the **glove** by a hem at the **opening** of the **glove**.

The lining is made of plastic **foam**, pref. PVC- **foam** or polyurethane- **foam**, with a textile coating, pref. of a flannel or knitted fabric which is roughened on the outer side.

Derwent Class: A00

27/26, TI/2 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012899018

WPI Acc No: 2000-070853/200006

**Elastomeric sports-aid silicone coated glove for firm gripping of ball**

27/26, TI/3 (Item 3 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011796396

WPI Acc No: 1998-213306/199819

**Gloves for cold protection fishing - has finger exposure hole provided individually on adjoining side of forefinger and thumb**

27/26, TI/4 (Item 4 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011561665

WPI Acc No: 1997-538146/199750

**Device for lifting litre beer mug - comprises glove with sewn in plate and air cushion between thumb and index finger tied to mug handle by threads or bands**

27/26, TI/5 (Item 5 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

010575562

WPI Acc No: 1996-072515/199608

**Cleaning gloves for dishwashing - has changeable cleaning unit comprise of sponge, brush and scrub bonded in finger part and palm part of glove main body**

27/26, TI/7 (Item 7 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003787817

WPI Acc No: 1983-784045/198341



**Reinforced boxing glove construction - incorporates join between thumb and finger pieces, with reinforcement padding, and protuberance**

**27/26, TI/9 (Item 9 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

001441231

WPI Acc No: 1976-A4115X/197602

**Barber's glove finger comb - has curved protruding detents engaging and pressing into cushion in other finger**

**27/34/1 (Item 1 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014926104 \*\*Image available\*\*

WPI Acc No: 2002-746811/200281

**Glove has sponge stuck to the palm and fingers of the hand of the glove**

Patent Assignee: YAMANAKA Y (YAMA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002309421	A	20021023	JP 2001168873	A	20010416	200281 B

Priority Applications (No Type Date): JP 2001168873 A 20010416

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002309421	A	3	A41D-019/00	

Abstract (Basic): JP 2002309421 A

NOVELTY - A **sponge** (4) is stuck to the palm (2) and **fingers** (3) of the hand of the **glove** (1).

USE - Used for e.g. washing/cleaning of goods.

ADVANTAGE - Prevents damage of the **fingers** and hand roughness when using the **glove**. Enables to reliably perform washing/cleaning of goods and wiping without using scrub brushes.

DESCRIPTION OF DRAWING(S) - The figure shows the front sectional view of the **glove** with **sponge**.

**Glove** (1)

**Palm** (2)

**Finger** (3)

**Sponge** (4)

pp; 3 DwgNo 1/3

Derwent Class: P21

International Patent Class (Main): **A41D-019/00**

**27/34/6 (Item 6 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

007665465 \*\*Image available\*\*

WPI Acc No: 1988-299397/198842

**Glove for fruit picking - has foam rubber pads on palm sides of thumb stall and all finger stalls except little finger**

Patent Assignee: JACKSON G W (JACK-I)

Inventor: JACKSON G W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4774727	A	19881004	US 8774021	A	19870716	198842 B

Priority Applications (No Type Date): US 8774021 A 19870716

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4774727	A	5		

Abstract (Basic): US 4774727 A

A fruit picking **glove** is comprised of soft material and has four **finger** stalls and a thumb stall. The inside end portions of the three inner finger stalls include external foam rubber pads in the region of the distal phalanges of a hand inserted into the **glove**, while the thumb stall includes a pad of foam rubber covering the distal and proximal phalanges.

The **finger** stall of the little **finger** in its preferred form does not include a pad of foam rubber on the inner or palm portion of the **finger** stall, but can be included when desired.

ADVANTAGE - Such a **glove** configuration permits fruit, particularly apples, to be hand picked from a tree without any bruising of the fruit while still enabling the picker to feel and quickly remove the fruit during the harvesting.

Derwent Class: P21

International Patent Class (Additional): A41D-019/00

27/34/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

001660734

WPI Acc No: 1976-95201X/197651

Moulding gloves with sponge or needle-like finger portions - using glove mould with recess in finger sections

Patent Assignee: OKAMOTO RIKEN GOMU KK (OKAM-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 51126259	A	19761104				197651 B
JP 78005064	B	19780223				197812

Priority Applications (No Type Date): JP 7551108 A 19750425

Abstract (Basic): JP 51126259 A

Process is for continuously, easily, and economically producing gloves having sponge or needle-like finger portions. A glove mould has a recess at each inner-finger portion and is mounted on an endless conveyor so that the plam faces upward. A paste-like sponge raw matl. is poured into each recess, the mould is immersed into a paste-like raw matl. for forming gloves in a tank and taken up from the tank and the mould is heated to expand ungelled raw matl. for glove and sponge matl. in the recesses.

Derwent Class: A32; A83; P21

International Patent Class (Additional): A41D-019/00 ; B29C-013/00; B29D-027/00

28/26, TI/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016793729

WPI Acc No: 2005-118006/200513

Waterproof glove for use when e.g. cooking, washing dishes has chemical weaving cloth that is provided at the finger surface of the glove

28/26, TI/2 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016698138

WPI Acc No: 2005-022414/200503

Fire-resistant glove with layered construction, has insulating layer below watertight semi-permeable membrane

28/26, TI/3 (Item 3 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016665079

WPI Acc No: 2004-823799/200482

Vibration-proof glove for wearing during operation with vibration tool, e.g. rock drill or engine cutter, comprises stretchable knit glove body and vulcanized foam rubber material on palm portion of glove body

28/26, TI/4 (Item 4 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016374609

WPI Acc No: 2004-532516/200451

Yoga support system for yoga practitioner, includes pair of yoga gloves and pair of yoga slippers, each including fabric portion, and anti-skid portion

28/26, TI/5 (Item 5 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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016115261

WPI Acc No: 2004-273137/200426

Vibration-proof glove for use with e.g. chain saw, has multilayer cushion pads which are placed in corresponding positions, on which hook or loop of fastener is sewn on thermofusion layer

28/26, TI/6 (Item 6 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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015686678

WPI Acc No: 2003-748867/200370

Water-proof glove has soft/hard sponges of proper shapes, welded on inner side of thumb, index finger and middle finger portions

28/26, TI/7 (Item 7 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015619633

WPI Acc No: 2003-681804/200365

Glove or mitt especially for cycling has padding between thumb and index finger, seam covered by lining or padding

28/26, TI/8 (Item 8 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
015312592  
WPI Acc No: 2003-373527/200336  
Goalkeeper's glove , comprising upper latex layer made in single piece  
and folded in order to cover upper and inner areas of hand

28/26, TI/9 (Item 9 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
014552604  
WPI Acc No: 2002-373307/200241  
Cleaning glove , assembled of layer of micro-fiber sponge cloth  
attached to watertight layer and cotton lining

28/26, TI/10 (Item 10 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
014431123  
WPI Acc No: 2002-251826/200230  
Glove for computer mouse

28/26, TI/12 (Item 12 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
014224908  
WPI Acc No: 2002-045606/200206  
Glove for wrist protection while using mouse, includes elastic strip  
with cushioning property, and engaging materials at its ends, which is  
wound diagonally around four fingers in hand through attachment unit

28/26, TI/13 (Item 13 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
013796798  
WPI Acc No: 2001-281009/200129  
Flexible athletic glove useful in sports, e.g. golf, comprises glove  
body, finger portions and thumb portion, and resilient pad attached on  
palmar side of glove body

28/26, TI/14 (Item 14 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
012889324  
WPI Acc No: 2000-061158/200005  
Padded batting glove for baseball

28/26, TI/15 (Item 15 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
012650480  
WPI Acc No: 1999-456585/199938  
Glove for use during golf practice

28/26, TI/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
012337846

WPI Acc No: 1999-143953/199913

**Sports glove with chambered and pumped air cushion - confines chambers to finger -free glove area over thumb ball and palm and linked for mutual pivot ground axes of connecting channels**

**28/26,TI/17 (Item 17 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
012298536

WPI Acc No: 1999-104642/199909

**Golf glove with palmar pad formed of layers of cushioning material - of progressively smaller triangular shapes**

**28/26,TI/18 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
012219414

WPI Acc No: 1999-025520/199903

**Boxing glove padding - has foam layer over back of hand with inner fleece layer over knuckles**

**28/26,TI/19 (Item 19 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
012021695

WPI Acc No: 1998-438605/199838

**Goalkeeper's glove - features shaped parts, made of elastically yielding material and support inner glove surface and extend as far as area of top side of finger , located laterally next to finger sections**

**28/26,TI/20 (Item 20 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
011713437

WPI Acc No: 1998-130347/199812

**Device for protecting a hand against impact injury - has deformable metal plate e.g. of aluminium etc. is secured over the metacarpal bones of the hand via a glove**

**28/26,TI/21 (Item 21 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
010187560

WPI Acc No: 1995-088813/199512

**Glove for training of discus thrower - includes smooth palm portion, back hand portion with two layers of fabric, thumb stall and finger stalls, with elastic strap joining palm portion and back hand portion**

**28/26,TI/22 (Item 22 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009665708

WPI Acc No: 1993-359259/199345

Shock absorbing glove for sport and industrial applications - has air  
ir gas filled compartments on palm portion which act as cushions and  
allow object to be gripped by glove

28/26, TI/23 (Item 23 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009596824  
WPI Acc No: 1993-290371/199337  
Sports glove for goalkeeper - has outer latex ply mounted on carrier  
ply of textile which has water impervious layer

28/26, TI/24 (Item 24 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009452484  
WPI Acc No: 1993-146009/199318  
Protective glove construction - has pad of resiliently compressible  
material attached to outer portion of glove, and has abrasive material  
attached to pad.

28/26, TI/25 (Item 25 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009335547  
WPI Acc No: 1993-029010/199304  
Waterproof work glove with integral scourers - having abrasive material  
bonded to inner surfaces of fingers and thumb

28/26, TI/26 (Item 26 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
009064096  
WPI Acc No: 1992-191489/199223  
Games fielders glove - has inflatable cushioning chambers for  
adjustable impact cushioning

28/26, TI/27 (Item 27 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
008073601  
WPI Acc No: 1989-338713/198946  
Sports glove - has padding on back for protecting ring and little  
fingers

28/26, TI/28 (Item 28 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.  
007982750  
WPI Acc No: 1989-247862/198934  
Towel glove with accessible moisture absorption member - has open mesh  
back and front comprising sandwiched layer of absorbent foam

28/26, TI/29 (Item 29 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

007429299

WPI Acc No: 1988-063234/198809

**Thick protective glove - has thumb and one or more fingers provided with vibrations transmitters at contact tips**

**28/26, TI/30 (Item 30 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

007130400

WPI Acc No: 1987-130397/198719

**Polyurethane gloves and finger protection - with high moisture permeability are produced from polyester-polyol(s) with high polyoxyethylene content**

**28/26, TI/32 (Item 32 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

004375760

WPI Acc No: 1985-202638/198533

**Glove comprises wrap-around flexible sheet - with fastener flaps and outer palm pad opposite inner cushion**

**28/26, TI/33 (Item 33 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

004266567

WPI Acc No: 1985-093445/198516

**Winter sports gloves - with inflatable chambers and pump in wrist part**

**28/26, TI/34 (Item 34 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003981025

WPI Acc No: 1984-126569/198420

**Welders glove of deer skin - with stretch axis transverse over back of hand**

**28/26, TI/35 (Item 35 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003817882

WPI Acc No: 1983-814127/198345

**Sports glove with knit polyester palm - and stretch nylon backed outer vinyl skin having polyethylene foam filled projections**

**28/26, TI/36 (Item 36 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003804404

WPI Acc No: 1983-800645/198343

**Cold weather glove - has open-ended thumb and index- finger tubes with tip seals of resilient foam and nylon fabric**

**28/26, TI/37 (Item 37 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
002388268

WPI Acc No: 1980-K4738C/198044

**All-purpose washing up glove with three finger sleeves - has two different cleaning zones and touch sensors for handling fragile objects**

28/26, TI/38 (Item 38 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
001852831

WPI Acc No: 1977-73856Y/197741

**Football hand protecting glove - with hard foam rubber pad on back of hand and friction latex rubber on palm surfaces**

28/26, TI/39 (Item 39 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
001384181

WPI Acc No: 1975-33866W/197520

**Hunter's glove, trigger finger has flexibility and live feel - made of knitted jersey fabric of acrylic yarn**

28/26, TI/40 (Item 40 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
001341410

WPI Acc No: 1975-N5347W/197551

**Callous preventing golf glove - has resilient pad to fill in gaps between curled forefinger and golf club**

28/26, TI/41 (Item 1 from file: 347)

DIALOG(R) File 347: JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.  
05035303

**GLOVES WITH SCRUBBING BRUSH**

28/34/11 (Item 11 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.  
014226064 \*\*Image available\*\*

WPI Acc No: 2002-046762/200206

**Glove for throttle game has cushions attached on tips of thumb, middle finger and index finger**

Patent Assignee: IWASAKI H (IWAS-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001303326	A	20011031	JP 2000149006	A	20000413	200206 B

Priority Applications (No Type Date): JP 2000149006 A 20000413

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001303326	A	2	A41D-019/00	

Abstract (Basic): JP 2001303326 A

**NOVELTY - Cushions (2) are attached to the tips of a thumb, a middle finger and an index finger of a glove (1).**



Serial 10/664501

July 1, 2005

USE - For throttle game.

ADVANTAGE - Prevents dirt and fatigue to the hand by attaching the **cushions** on the tips of the thumb, middle and index **fingers**.DESCRIPTION OF DRAWING(S) - The figure shows the front view of the **glove**.

Glove (1)

Cushions (2)

pp; 2 DwgNo 1/2

Derwent Class: P21

International Patent Class (Main): **A41D-019/00**

International Patent Class (Additional): A41D-013/00

**28/34/31 (Item 31 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

004730091

WPI Acc No: 1986-233433/198636

**Sports gloves - with impact protection elements made of specified plastics**

Patent Assignee: UAMAMOTO KOGAKU CO (YAMA-N)

Inventor: YAMAMOTO T

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3604103	A	19860828	DE 3604103	A	19860210	198636 B
FR 2577391	A	19860822	FR 862009	A	19860214	198640
US 4768234	A	19880906	US 87127575	A	19871202	198838
KR 9002699	B	19900423				199110
DE 3604103	C	19911002				199140

Priority Applications (No Type Date): JP 85U154252 U 19851007; JP 85U20744 U 19850215; JP 85U20774 U 19850215

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 3604103 A 26

Abstract (Basic): DE 3604103 C

**Gloves** with impact protection for **fingers** and wrist for sports such as slalom races are equipped with various shapes of protective elements which are harder than the surface material of the **gloves** and are fixed by bonding, welding or moulding. They have a raised sliding surface and well rounded edges. They are so arranged that spreading, closing and gripping movements are not impeded. At least one protective element is made of synthetic resin with a modulus elasticity of over 7.10 8 N/sq.m., i.e. phenolic or ABC resin, and at least one other with a lower modulus of elasticity, i.e. urethane or EVA. Pref. material for the material is leather, artificial leather, soft plastics or knitted woven textiles, and for the rear portion knitwear of polyester or nylon yarns.

ADVANTAGE - This reduces the braking action when the **gloves** come into contact, e.g. with the slalom sticks and protects **fingers** and wrist without impeding the movements. (26pp Dwg.No.0/1)

Abstract (Equivalent): DE 3604103 C

Protective **glove** has an impact-absorbing rear and impact protectors on the **glove** surface each to form a raised part with radius or bevelled edges, the protectors spaced out so the **glove** can spread out, close and grip. The protectors (1) should consist of medium

hard plastics with E modulus between  $7 \times 10^7$  N/m<sup>2</sup> and  $7 \times 10^8$  N/m<sup>2</sup>, or again a hard plastics with E modulus in excess of  $7 \times 10^8$  N/m<sup>2</sup>, and are moulded to synthetic yarn **glove** surface (5). The impact-absorbing material (6) should be on the inside of the **glove** surface material (5).

USE/ADVANTAGE - Personal protection e.g. downhill ski-racing.

**Glove** permits full hand movement and protects against oncoming impact by gates by sliding over these or forcing them to one side. (8pp)

Abstract (Equivalent): US 4768234 A

A ski type **glove** comprises a number of protector elements on its back surface arranged with spaces to allow gripping movements.

**Cushioned** material is provided on one of the inside surfaces of the back of the **glove** aligned with the protectors with the **glove** interposed between.

The protectors are separate plates inclined at their peripheries for sliding and are made of hard synthetic resin with elastic modulus over 105 psi. The material is phenolic resin, ABS resin or semihard synthetic resin eg. urethane or EVA. The base of the **glove** back is knitted of synthetic yarn and the protector elements are formed around these.

ADVANTAGE - The elements provide protection against ski-gates as they are brushed aside. (4pp)e

Derwent Class: A83; P21; P36

International Patent Class (Additional): A41D-013/08; **A41D-019/00** ;

A63B-071/14

File 240:PAPERCHEM 1967-2005/Jun W4  
(c) 2005 Elsevier Eng. Info. Inc.  
File 248:PIRA 1975-2005/Jun W2  
(c) 2005 Pira International  
File 399:CA SEARCH(R) 1967-2005/UD=14301  
(c) 2005 American Chemical Society  
File 323:RAPRA Rubber & Plastics 1972-2005/Jun  
(c) 2005 RAPRA Technology Ltd  
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jun W4  
(c) 2005 Inst for Sci Info  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
Set Items Description  
S1 0 AU=(KUJAWSKI N? OR KUJAWSKI, N?)  
  
File 16:Gale Group PROMT(R) 1990-2005/Jul 01  
(c) 2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2005/Jul 01  
(c) 2005 The Gale group  
File 621:Gale Group New Prod. Annou. (R) 1985-2005/Jul 01  
(c) 2005 The Gale Group  
File 635:Business Dateline(R) 1985-2005/Jul 01  
(c) 2005 ProQuest Info&Learning  
File 498:Detroit Free Press 1987-2005/Jun 30  
(c) 2005 Detroit Free Press Inc.  
Set Items Description  
S1 2 NANCY(1W) KUJAWSKI  
S2 2 RD (unique items) [not relevant]  
S3 47702 GLOVE OR GLOVES  
S4 0 S2 AND S3  
  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200541  
(c) 2005 Thomson Derwent  
File 349:PCT FULLTEXT 1979-2005/UB=20050630,UT=20050623  
(c) 2005 WIPO/Univentio  
File 348:EUROPEAN PATENTS 1978-2005/Jun W04  
(c) 2005 European Patent Office  
Set Items Description  
S1 1 AU='KUJAWSKI N C'

1/7/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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016888846 \*\*Image available\*\*  
WPI Acc No: 2005-213130/200522

**Gardening gloves for protecting wearer's fingers has foam with a horizontal slit which has a length sufficient to allow the foam to open for receiving the fingertip and fingernail of wearer's hand when inserted into the glove**

Patent Assignee: KUJAWSKI N C (KUJA-I)  
Inventor: KUJAWSKI N C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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US 20050055754 A1 20050317 US 2003664501 A 20030916 200522 B

Priority Applications (No Type Date): US 2003664501 A 20030916

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20050055754 A1 5 A41D-019/00

Abstract (Basic): US 20050055754 A1

NOVELTY - A foam with a horizontal slit which has a length sufficient to allow the foam to open for receiving the fingertip and fingernail of wearer's hand when inserted into the glove. The foam at the upper side of the slit overlies the top of the fingertip and nail, while the foam at the underside of the slit underlies the bottom of the fingertip and nail.

DETAILED DESCRIPTION - Slit in the foam terminates sufficiently short of the distal end of the finger stalls (12,14,16,18,20) such that the foam cushion is disposed between the end of the fingernail and end of the finger stall. An INDEPENDENT CLAIM is also included for a making method for gardening glove.

USE - For protecting wearer's fingers from being damaged during gardening.

ADVANTAGE - Comfortable to wear while effectively preventing women's nails from being damaged.

DESCRIPTION OF DRAWING(S) - The figure shows a gardening glove.

Finger stalls (12,14,16,18,20)

pp; 5 DwgNo 1/7

Derwent Class: P21

International Patent Class (Main): A41D-019/00